

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bumha Lee and Brian D. Segerstedt
 Docket: 50019.231US01/P05598
 Title: DIGITAL-TO-ANALOG CONVERTER WITH A SHIFTED OUTPUT AND AN INCREASED RANGE

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 155481551 US

Date of Deposit: June 19, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Janice Knief
 Name: Janice Knief

16670 U.S. PRO
 10/600222
 06/19/03

MAIL STOP PATENT APPLICATION

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ Utility Patent Application: Spec. 8 pgs; 20 claims; Abstract 1 pgs.
 The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 4 sheets of informal drawings
- ☒ Nonpublication Request under 37 CFR 1.213(a)
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to National Semiconductor Corporation, Recordation Form Cover Sheet
- ☒ A check in the amount of \$750.00 to cover the Filing Fee
- ☒ A check for \$40.00 to cover the Assignment Recording Fee.
- ☒ Application Data Sheet, 3 pages.
- ☒ Return postcard

CLAIMS AS FILED

Number of Claims Filed		In Excess of:		Number Extra		Rate		Fee
Basic Filing Fee								\$750.00
Total Claims								
20	-	20	=	0	x	18.00	=	\$0.00
Independent Claims								
3	-	3	=	0	x	84.00	=	\$0.00
MULTIPLE DEPENDENT CLAIM FEE								\$0.00
TOTAL FILING FEE								\$750.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
 P.O. Box 2903, Minneapolis, MN 55402-0903
 (612) 332-5300

By: Brett A. Hertzberg
 Name: Brett A. Hertzberg
 Reg. No.: 42,660
 Initials: BAH/MMG/jk



PTO TRANSMITTAL - NEW FILING)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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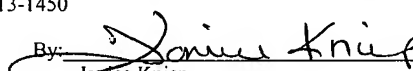
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By:


Janice Kniep

NONPUBLICATION REQUEST UNDER 37 C.F.R. §1.213(a)

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

The patent application identified above is not to be published under 35 U.S.C 122(b).

The undersigned hereby certifies that the invention disclosed in the patent application identified above has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Respectfully submitted,

MERCHANT & GOULD P.C.

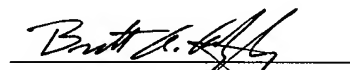
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Name: Brett A. Hertzberg
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